

Message Text

UNCLASSIFIED

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ACTION EA-09

INFO OCT-01 EB-08 ISO-00 /018 W

-----091150Z 108296 /21

R 090934Z FEB 77

FM AMEMBASSY BANGKOK

TO USDOC WASHDC

INFO SECSTATE WASHDC 9091

AMCONSUL HONG KONG

AMEMBASSY SINGAPORE

UNCLAS BANGKOK 3115

E.O. 11652: N/A

TAGS: BEXP, TH

SUBJ: FOREIGN GOVERNMENT TENDER

1. 549/01/T0051

2. 020877

3. J. SAVERY

4. 549 THAILAND

5. Q

6A. SUBMIT BID TO--

6B. --

6C. TELEPHONE ORGANIZATION OF THAILAND (TOT), PLOENCHIT ROAD,
BANGKOK

7. TOT B-27

8. 050377 BETWEEN 8 - 10.00 A.M.

9. 201

10. 3661100-2000. AUTOMATIC NUMBER IDENTIFICATION (ANI) &
CENTRALIZED AUTOMATIC MESSAGE ACCOUNTING (CAMA) EQUIPMENT
AND MATERIALS. ANI EQUIPMENT WHICH WILL BE PROVIDED AS AN
ADDITIONAL PART TO THE EXISTING EXCHANGES (ARF 102 & ARK 521
MANUFACTURED BY L.M. ERICSSON, C-400 BY NIPPON ELECTRIC AND
P-1000 C BY BELL TELEPHONE MANUFACTURING) TO ENABLE THEM
TO TRANSMIT THE CALLING NUMBER TO THE CAMA CENTER, WILL BE
CLASSIFIED INTO THREE TYPES AS FOLLOWS: A) THE FIRST TYPE

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REQUIRES THE PROVISION OF A COUPLING FOR EACH SUBSCRIBER'S
LINE TO THE IDENTIFICATION EQUIPMENT (IE). THE IDENTIFICATION
PROCESS IS INITIATED BY THE REQUEST FROM THE REGISTER OF
THE TRUNK EXCHANGE VIA A BACKWARD "MFC" SIGNAL FOR THE SUB-
SCRIBER'S NUMBER. WHEN THIS SIGNAL IS RECEIVED AT THE LOCAL
EXCHANGE THE CONTROLLING EQUIPMENT OF THE EXCHANGE CALLS THE
IE. ONCE THE CONNECTION IS ESTABLISHED, IE TRANSMITS AN

IDENTIFICATION SIGNAL TO THE REGISTER OF "MFC" SENDER AND THE SIGNAL IS THEN SWITCHED ON TO THE INDIVIDUAL SUBSCRIBER'S COUPLING CIRCUIT AND LOOPED BACK TO IE VIA THE HOLDING WIRE. IE CONVERTS THE RECEIVED SIGNAL INTO THE SUBSCRIBER'S NUMBER AND TRANSMIT TO STORE THE INFORMATION AT THE REGISTER OF "MFC" SENDER. REGISTER OR "MFC" SENDER DISCONNECTS THE CALL TO IE WHEN ALL DIGITS ARE RECEIVED AND IE IS THEN RELEASED FOR SERVING NEW CALL; B) THE SECOND TYPE REQUIRES THE EXTRA EQUIPMENT TO BE ADDED TO THE EXISTING COMMON CONTROL EQUIPMENT. THE ADDITIONAL EQUIPMENT SHALL BE OF THE SAME TYPES AND MAKES AS THOSE OF THE EXISTING SYSTEMS; C) THE THIRD TYPE IS THE SPECIAL EQUIPMENT TO BE INSTALLED AT EVERY EXCHANGE FOR RECORDING THE INFORMATION ON THE OUTGOING LONG DISTANT CALLS FROM THAT EXCHANGE. IF THIS TYPE OF EQUIPMENT IS PROPOSED, THERE IS NO NEED TO INSTALL ANY CAMA SYSTEM. HOWEVER, THE OPERATION OF THE QUIPMENT MUST MEET THE VARIOUS REQUIREMENTS SPECIFIED BY TOT. THE BIDDER MAY ALSO PROPOSE A DATA COLLECTING CENTER AT ANY EXCHANGE TO RECEIVE ALL CALL INFORMATION FROM EXCHANGES IN THE NEARBY AREA.

CAMA EQUIPMENT WHICH WILL BE PROVIDED AS AN ADDITIONAL PART AT THE EXISTING TRANSIT EXCHANGES (ARM 201 MANUFACTURED BY L.M. ERICSSON AND C-82 BY NIPPON ELECTRIC) TO RECORD DETAILS OF THE SUBSCRIBERS' TRUNK DIALING CALLS FOR BILLING PURPOSE, WILL BE CLASSIFIED INTO THREE TYPES: A) REGISTERS AT TRANSIT EXCHANGES, WHERE THE AMA EQUIPMENT WILL BE INSTALLED, SHALL BE EQUIPPED FOR THE STORING OF BOTH THE CALLING AND THE CALLED SUBSCRIBER'S NUMBER. THE STORED INFORMATION WILL BE KEPT UNTIL THE REGISTER RELEASES AFTER THE RECEIPT OF THE B-SERIES UNCLASSIFIED

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BACKWARD SIGNAL. THIS FIRST TYPE OF THE AMA EQUIPMENT WOULD REQUIRE INTERFACING EQUIPMENT TO THE REGISTER UNIT AND THE INCOMING CIRCUITS. THE BRIEF OPERATING PRINCIPLE IS AS FOLLOWS: AFTER THE INCOMING CIRCUIT IS CONNECTED TO THE REGISTER, THE AMA EQUIPMENT MUST BE ABLE TO IDENTIFY THAT PARTICULAR REGISTER. THE IDENTIFICATION IS DONE THROUGH THE INCOMING REGISTER LINK. THE INFORMATION ABOUT THE CALLING AND THE CALLED SUBSCRIBERS' NUMBERS CAN BE DETECTED FROM THE REGISTER UNIT WHERE THE TIMING OF THE CALLED PARTY ANSWERS AND THE CALLING PARTY CLEARS CAN BE DETECTED FROM THE INCOMING CIRCUITS; B) THE SECOND TYPE IS INSERTED AT THE TRUNKS BETWEEN THE OUTGOING CIRCUITS OF THE LOCAL EXCHANGE AND THE INCOMING CIRCUITS OF THE CONCERNED TRANSIT EXCHANGES. VARIOUS INFORMATION SUCH AS THE CALLING AND THE CALLED SUBSCRIBERS' NUMBERS AS WELL AS THE ANSWERING THE CLEARING TIMES CAN BE EASILY MONITORED WITHOUT INCREASING ANY TRANSMISSION LOSS, SWITCHING LOSS AND SWITCHING DELAY IN THE TRANSMISSION PATH AT ALL; C) THE LAST TYPE IS THE EQUIPMENT THAT MAY BE REQUIRED WHEN THE THIRD TYPE OF

ANI EQUIPMENT IS PROPOSED. BIDDERS ARE FREE TO OFFER EQUIPMENT OF THEIR OWN DESIGN WHICH MEETS THE SIGNALLING AND OPERATING REQUIREMENTS AND STIPULATIONS REGARDING INTERWORKING OFSANI, CAMA AND EXISTING EXCHANGES. OTHER FACILITIES INCLUDE TRAFFIC MEASUREMENT, ENVIRONMENTAL REQUIREMENTS, FLOOR PLAN LAYOUT, SPARE PARTS, DOCUMENTS CONCERNING DIAGRAMS, DRAWINGS, ETC.

11. PROJECT FINANCED BY WORLD BANK LOAN. TENDER DOCUMENTS ARE FOR SALE AT \$250 FOR THE FIRST SET AND \$100 FOR EACH ADDITIONAL SET, FROM ADDRESS MENTIONED IN 6C FROM FEB 4 TO MAR 4, 1977.

WHITEHOUSE

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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: n/a
Control Number: n/a
Copy: SINGLE
Sent Date: 09-Feb-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01-Jan-1960 12:00:00 am
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977BANGKO03115
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770046-0198
Format: TEL
From: BANGKOK
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770260/aaaacazc.tel
Line Count: 128
Litigation Code IDs:
Litigation Codes:
Litigation History:
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Message ID: 2ca3acc9-c288-dd11-92da-001cc4696bcc
Office: ACTION EA
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 20-Oct-2004 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3373459
Secure: OPEN
Status: NATIVE
Subject: FOREIGN GOVERNMENT TENDER
TAGS: BEXP, TH
To: COM
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/2ca3acc9-c288-dd11-92da-001cc4696bcc
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